

Water Quality Characteristics by Water Quality Zone

August 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	240	235	62.3	163	313	6	26%
	2	105	105	7.4	95	116	6	7%
	3	162	170	55.5	82	230	11	34%
	4	96	94	16.3	75	122	8	17%
	5	99	98	8.8	86	119	11	9%
	6	104	105	6.5	90	113	12	6%
	7	96	100	16.3	61	114	9	17%
	8	158	130	62.6	95	266	11	40%
	9	127	109	49.0	79	200	5	38%
	10	77	77	1.2	76	79	6	2%
	System Wide	125	106	54.9	61	313	85	44%
TDS ppm	1	401	440	117.2	182	550	10	29%
	2	271	270	10.7	248	292	27	4%
	3	344	321	105.4	204	502	34	31%
	4	247	247	37.4	187	325	25	15%
	5	245	250	26.0	186	284	36	11%
	6	233	235	18.9	184	267	28	8%
	7	224	223	29.4	161	301	29	13%
	8	314	285	63.2	250	449	21	20%
	9	270	253	52.7	220	390	23	20%
	10	221	220	3.5	218	229	13	2%
	System Wide	271	254	72.6	161	550	246	27%
Sodium ppm	1	53	51	6.6	48	66	6	12%
	2	44	44	1.9	41	47	6	4%
	3	53	60	15.4	28	69	11	29%
	4	37	37	8.5	28	51	8	23%
	5	35	32	5.8	29	44	11	17%
	6	33	32	4.8	26	42	12	15%
	7	32	31	6.3	25	41	9	20%
	8	42	42	1.9	38	46	11	5%
	9	44	44	1.8	42	47	5	4%
	10	41	42	0.8	40	42	6	2%
	System Wide	41	42	10.1	25	69	85	25%

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<i>pH units</i>	1	7.5	7.4	0.23	7.3	8.1	10	3%
	2	8.0	8.0	0.07	7.8	8.1	27	1%
	3	7.8	7.8	0.15	7.5	8.1	34	2%
	4	7.9	7.9	0.12	7.7	8.2	25	2%
	5	7.7	7.8	0.27	7.2	8.1	36	3%
	6	7.6	7.7	0.33	6.9	8.1	28	4%
	7	7.8	7.8	0.15	7.3	8.1	29	2%
	8	7.7	7.7	0.17	7.4	8.0	21	2%
	9	7.9	7.9	0.19	7.6	8.3	23	2%
	10	8.0	8.0	0.15	7.8	8.2	13	2%
	System Wide	7.8	7.8	0.23	6.9	8.3	246	3%
<i>Chlorine ppm</i>	1	0.6	0.7	0.16	0.4	1.0	10	25%
	2	0.9	0.9	0.09	0.7	1.1	27	11%
	3	0.8	0.8	0.15	0.5	1.1	34	19%
	4	0.9	0.9	0.11	0.7	1.1	25	13%
	5	0.8	0.8	0.05	0.7	0.9	39	6%
	6	0.8	0.8	0.05	0.6	1.0	28	6%
	7	0.8	0.8	0.13	0.5	1.0	29	17%
	8	0.8	0.8	0.08	0.6	0.9	21	10%
	9	0.8	0.8	0.13	0.5	1.1	23	17%
	10	0.8	0.8	0.09	0.7	1.0	13	11%
	System Wide	0.8	0.8	0.12	0.4	1.1	249	15%
<i>Temperature deg C</i>	1	29.4	29.6	2.28	26.1	32.4	10	8%
	2	31.1	31.0	0.76	29.8	32.6	27	2%
	3	30.8	31.0	1.87	26.8	35.3	34	6%
	4	31.6	31.4	1.65	28.3	34.2	25	5%
	5	29.3	29.6	2.55	23.2	34.0	36	9%
	6	28.5	29.0	2.18	22.8	33.8	28	8%
	7	29.7	29.6	1.62	27.6	34.1	29	5%
	8	30.1	30.5	1.84	26.3	33.0	21	6%
	9	31.8	31.9	1.89	27.6	37.1	23	6%
	10	31.7	31.5	0.73	30.5	32.9	13	2%
	System Wide	30.3	30.6	2.14	22.8	37.1	246	7%